Work Order ID 9 April 4, 2013 2:05:54 PM	9256		*992	256*							Page
Item ID: D3235-1 Revision ID: Item Name: Mounting L	.119	_	Accept	*N9000	140	100)*	Setup	Start Stop		S1*
Start Date: 4/04/13 Required Date: 4/12/13 Reference:	Start Qty: 120.00 Req'd Qty: 120.00	100 *12 0 * *120*		Cust Item ID Customer:	:					IN.	
Approvals: Process F	Plan:	Date: \3/04/04	Tooling:	Date	e:	_		Run	Start	*N	R1*
QC:		Date:	SPC (Y/N):	Date	e:				Stop	*N	R2*
Work Center 1D	Description.		zei - n/ Run Hours	E's- wer	Tagl#	Plan Code	Accept Qty	t Rej Qty		Reject Number	168 p. Stamp
Draw Nbr R	evision Nbr				· · · · · · · · · · · · · · · · · · ·						
D3235 R6	ev A										
*100 *100* Bandsaw Jeaspa Bandsaw	Memo Cut D2423 e. Batch:	centsion to 0.820"	0.00					Z 1	3/0	4/04	
*110 *110* HAAS 1 Devok. HAAS CNC vertical machine #1	HAAS CNC VERTICAL Memo 1-Machine as 2-Identify as 3-Deburr	MACHINING #1 Der Folio FA369 and Dwg 1	0.00 0.00 D3235	o to metec	د	,	P/0:	L 13 1949	3641 70	64	/© .⊙
120	Q C2- Inspect parts off ma	Mul	wihe as p	orders De	3235	RE	۵.۵			,	
120 Quality Control	Memo	inspect cyclow	0.00				€	\	3-	100	 7 X

	DQA:	Date:	
	•		
 MODE ODDED NON CONFORMANCE / LIDDATE			

NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE OA Closed: Date: **AGAINST DEPARTMENT/PROCESS** DISPOSITION Work Order: Engineering Skid-tube Crosstube Water Jet Rework Quality Machining Prod. Eng. Coor. Small Fab Scrap Part No. Thermoforming Rec/Store/Packaging Other Finishing Use-as-is Supplier NCR No. Work Order Update Large Fab Composite Description of work order update Sign & Initial Action Root Verification QC Inspector Date or Non-conformance Chief Eng Description Date Step Qtv Cause Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved **FAULT CATEGORY** \$,20 ESCHELL . TO 7. X Brisk at grapher than the same dimits still 9 - 11 **Landing Gear** General THE PORTS . Pressure/Forced Bend Grain Ovalized Bending Temperature/Cure BOM/Route Over/Under tolerance Centre Not Concentric to O/S Hardware Weld Broken/Damaged Part Incorrect Inspection Incomplete Cracks Wrong Stock Pulled Instructions Incomplete/Unclear Part Lost/Missing Crushed/Crimped. Burrs Maintenance Part Moved Cuffs Contamination Mislabeled **Positioned Wrong Heat Treat** Countersink Other Misread Power Loss/Surge Inspection Strip in Tube **Cut Too Short** Offset Drill Holes Ripples in Bend **Out of Calibration** Torque Waves in Extrusion Drawing Turning Sequence Out of Sequence Finish

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube

Folio

Work Ord April 4, 2013 2		2256		, *992	256*				Page 2
Item ID: Revision ID: Item Name:	D3235-1 Mounting Lu	g		Accept .	*N9000	04010	n *	Setup Start Stop	*NS1* *NS2*
Start Date: Required Date Reference:	4/04/13 : 4/12/13	Start Qty: 120.00 Req'd Qty: 120.00		20* 20*	Cust Item IE Customer:) :			
Approvals:	Process Pla	an:	Date:	Tooling:	Dat	te:]	Run Start	*NR1*
	QC:		Date:	SPC (Y/N):	Dat	te:		Stop	*NR2*
Śm. 145 ₩6. 10em/15 x 130	D	Operation Description QConspect parts - secon	d check	Set Up/ Run Hours 0.00	7 30i ID	Tool# Plan Code	Accept Qty		Reject Insp. Number Stamp
130 QC Quality Control		Memo		0.00 37 By	3		can		*/
140		Chemical Conversion Coa	t per QSI005 4.1	0.00				_	
140 HandFinish Hand Finishing		Мето		0.00			100	7lb	13410
160		White Gloss(Ref:4.3.5.1) p	per QSI005 4.3-Alur	n 0.00				,	1,711
160 Powder Coating		Memo START TIME OVEN TEMP FINISH TIME	ERATURE:	30 3005 5005			100	XPM	nf 13/04/10
	064		12	رر					

W125064

												DQA:	Date:	
NCR:	Yes	/ No					WORK ORDER NON-	COI	VFOR!	ANCE / UPD	ATE	·		
												QA Closed:	Date:	The second section is the second
Work Ord	er.						DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part f	•						Rework Scrap		ſ	Skid-tube	Crosstube Small Fab	4	Water Jet d. Eng. Coor.	Engineering Quality
NCR I	No.			·			Use-as-is Work Order Update		1	noforming Large Fab	Finishing Composite	Rec/Stor	re/Packaging Supplier	Other
Root					Desc	crip	tion of work order update	T	Initial	Actio	on	Sign &		
Cause		Date	Step	Qty		C	r Non-conformance	Cr	nief Eng	Descrip	ption	Date	Verification	QC Inspector
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Landi	ng G			C. 1344	** *		General	,	5-	C\$	÷ 44 35°	20 .00	<u> </u>	
		Bending					Bend		Grain			Ovalized	-	Pressure/Forced
	Centre Not Concentric to O/S						BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Cracks						Broken/Damaged		Inspecti	on Incomplete		Part Incorre	_	Weld
	Crushed/Crimped						Burrs		Instruct	ions Incomplete/Ui	nclear	Part Lost/M		Wrong Stock Pulled
	Cuffs						Contamination		Mainte		<u> </u>	Part Moved		
	Heat Treat						Countersink	\perp	Mislabe		<u> </u>	Positioned V		7 1
	Inspection Strip in Tube						Cut Too Short	_	Misread	i	L	Power Loss/Surge		Other
	Ш	Ripples in					Drill Holes	Offset						
		Torque W				H			Out of Calibration					
	Turning Sequence						Finish	i	IOut of 9	Sequence				

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube

Folio

Work Orde <i>April 4, 2013 2:0</i>		256			Page 3					
Revision ID:	D3235-1 Mounting Lug			Accept	*N900	0401	೧ ೧*	Setup	Start Stop	*NS1* *NS2*
	4/04/13	Start Qty: 120.00 Req'd Qty: 120.00	*12(*12(-	Cust Item I Customer:	D:				IVIO /
		n:	Date:	0 _		ate:		Run	Start Stop	*NR1* *NR2*
Sequence ID/ Work Center ID 170 *170* QC Quality Control		Operation Description QC3- Inspect Part Finish Memo		Set Up/ Run Hours 0.00	Tool ID	Tool# Pi	ode Qty	Qty	, . I	Reject Insp. Number Stamp
*180 *180* Packaging Packaging		Identify as per dwg & Stoo Memo	k Location:	0.00					7 3/4/	19 (100)
190 *190* QC Quality Control		QC21- Final Inspection - \ Memo	Vork Order Release	0.00		÷		[7)5	5/6 2

mt 13-4-29

			DQA:	Date:	
NCR:	Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE		5 .	

											QA Closed:	Date	
Work Orde	er.				, , , , <u>, , , , , , , , , , , , , , , </u>	DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part N	No.		, , <u>, , , , , , , , , , , , , , , , , </u>		-	Rework Scrap Use-as-is Work Order Update			Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root			T		Descri	ption of work order update	lni	tial	Ac	ction	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Chie	f Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling												·	
Operator													
Material			i										
Setup													
Other													
Process													
Supplier													
Training	Ш												14
Unapproved			1									<u> </u>	
							AULT	CATE	GORY				
Landi					_	General					1	<u></u>	٠- ،
	-	Bending				Bend	—	rain			Ovalized		Pressure/Forced
	Ь——	Centre No	ot Concei	ntric to	o/s	BOM/Route	├ ──┤	ardwa			Over/Under Part Incorre	<u> </u>	Temperature/Cure Weld
	Н	Cracks	- · · · ·		<u> </u>	Broken/Damaged	—	•	ion Incomplete	///	-1	 	Wrong Stock Pulled
	-	Crushed/Crimped.			<u> </u>	Burrs	-		ions Incomplete, enance	Junciear	Part Lost/M Part Moved	resuite [
	$\boldsymbol{\vdash}$	Cuffs			-	Contamination	\vdash	iislabe			Positioned \	Mrong	
		Heat Treat		Countersink Cut Too Short	-	iisiabe Iisreai			Power Loss,		Other		
	Inspection Strip in Tube Ripples in Bend			ube	-	Drill Holes		iffset	a .	<u>L</u>	J. ower coss/	20180	Totale
		Torque W		Sytrucia	<u> </u>	Drawing	—		Calibration				
	-				'' <u> </u>	Finish	Out of Sequence						
		Turning Sequence			-	Folio	Outside Dimensions						
1		Wave/Twist in Tube			•	1.000		~ LJ101					

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Page 1

Work Order ID:

99256

Parent Item:

D3235-1

Parent Item Name:

Mounting Lug

Start Date: 4/04/13

Required Date: 4/12/13

Start Qty: 120.00

Required Qty: 120.00

Comments:

IPP A04.04.19New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2423 Lug Extrusion		Manufactured	No		<u></u>	110	f	648.0000	0.0683	8.6273684	Z (3)	6410	4
				Location		Loc Qty	Loc	<u>Code</u>					
				MAT006		383				·			
				4372 8795		161.5 221.5							
				Metec		265							
				9355	1	265				2.63			
D3235-1P lug		Purchased	No			100	Each	0.0000	1	120			,

100x 8013-49

DQA:	Date:	
-	*****	

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

	,								QA Closed:	Date	
Work Orde	or:				DISPOSITION			AGAINST	DEPARTMENT	/PROCESS	
Part N	No				Rework Scrap Use-as-is Work Order Update	Ther	Skid-tube Machining moforming Large Fab	Crosstube Small Fab Finishing Composite	Rec/Sto	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descr	iption of work order update	Initial	Ac	ction	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief En	g Desc	cription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material	900 1000 1000 1000 1000 1000 1000 1000				** ***					*	
Setup Other Process Supplier Training Unapproved											
onapproved	L		<u> </u>	L	F	AULT CAT	EGORY				
Landi	ng Gear				General						
	Bending Centre N Cracks			o/s	Bend BOM/Route Broken/Damaged	· ·	vare ction Incomplete	<i>(</i> 1)	Ovalized Over/Under Part Incorre	ct	Pressure/Forced Temperature/Cure Weld
	Crushed/Crimped. Cuffs Heat Treat				Burrs Contamination Countersink		ctions Incomplete, tenance beled	/Unclear	Part Lost/M Part Moved Positioned		Wrong Stock Pulled
Inspection Strip in Tube Cut Too Short				_	Misre	ad		Power Loss,	/Surge	Other	
	Ripples in	•		F	Drill Holes	Offset	t				
Torque Waves in Extrusion Drawing				Drawing	Out o	f Calibration					
Turning Sequence Finish					Out o	f Sequence					
Wave/Twist in Tube Folio				Folio	Outsi	de Dimensions					

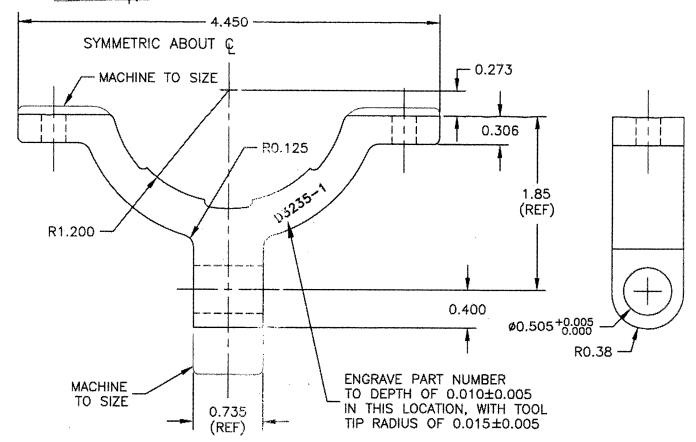
H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

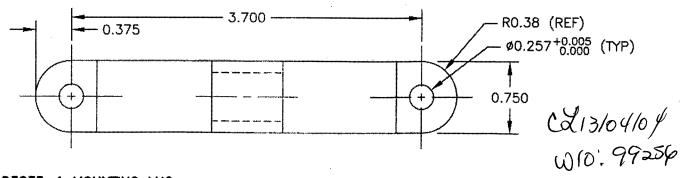




	DESIGN	DRAWN BY	DART AEROS HAWKESBURY, ON	
8	CHECKED	APPROVED	DRAWING NO.	REV. A
		#	D3235	SHEET 1 OF 1
	D.ATE		ME	SCALE
	04.03.02		MOUNTING LUG	1:1
	Α	04.03.02	NEW ISSUE	

ELEASED OF ONLY





D3235-1 MOUNTING LUG

MAKE FROM EXTRUSION D2423 BREAK ALL EDGES 0.000-0.015

FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1

POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3 TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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												DQA:	Da	te:	
NCR:	Yes	/ No				WORK ORDER NON-	100	VFORN	MANCE / UP	DATE		-			
							,,		~~~	· · · · · · · · · · · · · · · · · · ·		QA Closed:	Da	te:	
Work Ord	<u> </u>					DISPOSITION				AGAINST D	EP	ARTMENT/	PROCESS		
WORK OIG	۲۰.					Rework	7		Skid-tube	Crosstube	٦		Water Jet		Engineering
Part I	No.					Scrap	1	ľ	Machining	Small Fab		Prod	d. Eng. Coor.		Quality
	•					Use-as-is]		noforming	Finishing	Rec/Store/Packaging				Other
NCR I	No.					Work Order Update]		Large Fab	Composite	te Supplier				
Root		,		T	Descri	ption of work order update	T	Initial Action			7	Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	nief Eng	Desc	ription		Date	Verificatio	n	QC inspector
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup								,							
Other											-				
Process															
Supplier															
Training					<u> </u>						١				
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					 		AUL	LT CATE	GORY						
Landi		i e				General		7		_					1_ /
		Bending				Bend	_	Grain		<u> </u>		Ovalized		<u> </u>	Pressure/Forced
	Centre Not Concentric to O/S				o/s	BOM/Route	_	Hardwa		.	\dashv	Over/Under		\vdash	Temperature/Cure
	Cracks					Broken/Damaged		4 ·	ion Incomplete	<u> </u>	\dashv	Part Incorred		<u> </u>	Weld
	Crushed/Crimped.			Burrs	_	-}	ions Incomplete/	Unclear		Part Lost/Mi	ssing	L_	Wrong Stock Pulled		
		Cuffs				Contamination		Mainte		<u> </u>		Part Moved			
	Heat Treat					Countersink Misl			→ -			Positioned Wrong		1	
]	Inspection Strip in Tube			Tube		Cut Too Short Misread						Power Loss/	Surge	1	Other

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Inspection Strip in Tube

Torque Waves in Extrusion

Drill Holes

Drawing

Finish Folio



20 Terry Fox Drive Vankleek Hill, Ontario K0B 1R0, Canada Tel: (613) 678-3957 Fax: (613) 678-3956

Delivery Slip No.:

19005

Date:

Apr 08, 2013

Page:

Sold to:	Ship to:	
Dart Aerospace Ltd. Att. Linda Lacelle 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7	Dart Aerospace Ltd. Att. Linda Lacelle 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7	
Order No.: 19490	Sold By: Dewar, Eric	
Shipped By: your truck	Ship Date: Apr 08, 2013	

	Description	Unit	⊚Ordered quantity	Shipped guantity	Backorder couantity	
D2230-3	Mounting Lug as per drawing D2230 REV. G B98912	Each	1/00	100		
D3235-1	Mounting Lug as per drawing D3235 REV A B99256	Each	100	100		
	•					
	·					
			\sim \sim	4-7		
			A) 19)" \		
	'ሁ - - -					
		7	-			
	·					
The delivered	goods must be inspected upon receipt to confirm compliance.		. 4,			
Should there The goods are	pe discrepancies please notify METEC within 30 days of delivery. e otherwise deemed accepted.					
		er er	ar.			
Receive	ved by		Thank you for your order!			

20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0 Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 <u>metec@metec.ca</u>

CERTIFICATE OF CONFORMITY

SOLD TO:

SHIPPED TO:

Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, Ont. K6A 1K7

same

 QUANTITY
 PART NUMBER
 PART NAME
 P.O. NUMBER

 100
 D2230-3
 Lug
 PO 19490

 100
 D3235-1
 Lug
 PO 19490

MATERIAL: supplied by DART B93551

We here by certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Jan Norris

Vankleek Hill, April 8, 2013



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1953

PURCHASE ORDER

Purchase Order ID PO19490

Purchase Order Date 4/04/13 PO Print Date 4/05/13

Page Number 1 of 1

Order From:

VC-MET003

METEC METAL TECHNOLOGY INC. 20 TERRY FOX DRIVE PO BOX 781 VANKLEEK HILL, ON KOB 1R0

CA

Contact Name

Vendor Phone

613 678 3957

Vendor Fax

613 678 3956

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607 Net 10

Terms Currency

CAD

FOB

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7

CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable Un	Req Qty Ship Method it of Measure	Unit Price	Extended Price
I D:	2230-3P	LUG	4/08/13 Yes	100.00 Each	\$13.6000	\$1,360.00
2 D2	3235-1P	Special Inst:	AS PER DWG D22 B98912 4/08/13 Yes	30 REV. G 100,00 Each	\$15.0500	\$1.505.00

Special Inst:

AS PER DWG D3235 REV. A

B99256

PO Total:

\$2,865.00

CERTIFICATE OF CONFORMITY REQ'D UPON DELIVERY

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required YES NO

Change Nbr:

3

Change Date: 4/05/13